

**Determine the placement of the decimal in each product.**

$$5.809 \times 7.8 = 45.3102$$

1. Count the quantity of numbers to the right of the decimal for each factor.

5.809 has 3 numbers right of the decimal (5.809)

7.8 has 1 number right of the decimal (7.8)

2. Add the amounts together. Your answer should have the same quantity of numbers to the right of the decimal.

$$3 + 1 = 4$$

$$5.\underline{089} (3) \times 7.\underline{8} (1) = 45.\underline{3102} (4)$$

Also notice that $5 \times 7 = 35$ and $6 \times 8 = 48$, so 5.809×7.8 will be a more than 35 but less than 48.

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____
16. _____
17. _____
18. _____
19. _____

- 1) $8.6 \times 7 =$ 6 0 2
- 2) $1.562 \times 6.4 =$ 9 9 9 6 8
- 3) $9.789 \times 7 =$ 6 8 5 2 3
- 4) $9.6 \times 9 =$ 8 6 4
- 5) $5.1 \times 4 =$ 2 0 4
- 6) $2 \times 8.4 =$ 1 6 8
- 7) $3.369 \times 8.1 =$ 2 7 2 8 8 9
- 8) $9.18 \times 9.1 =$ 8 3 5 3 8
- 9) $6.929 \times 2 =$ 1 3 8 5 8
- 10) $6 \times 2.41 =$ 1 4 4 6
- 11) $9.977 \times 4 =$ 3 9 9 0 8
- 12) $4.91 \times 1.542 =$ 7 5 7 1 2 2
- 13) $4.7 \times 5.853 =$ 2 7 5 0 9 1
- 14) $6.754 \times 9.4 =$ 6 3 4 8 7 6
- 15) $9 \times 5.35 =$ 4 8 1 5
- 16) $4 \times 4.235 =$ 1 6 9 4 0
- 17) $4.3 \times 3.827 =$ 1 6 4 5 6 1
- 18) $8 \times 5.11 =$ 4 0 8 8
- 19) $2.219 \times 2 =$ 4 4 3 8

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1. **60.2**
2. **9.9968**
3. **68.523**
4. **86.4**
5. **20.4**
6. **16.8**
7. **27.2889**
8. **83.538**
9. **13.858**
10. **14.46**
11. **39.908**
12. **7.57122**
13. **27.5091**
14. **63.4876**
15. **48.15**
16. **16.940**
17. **16.4561**
18. **40.88**
19. **4.438**